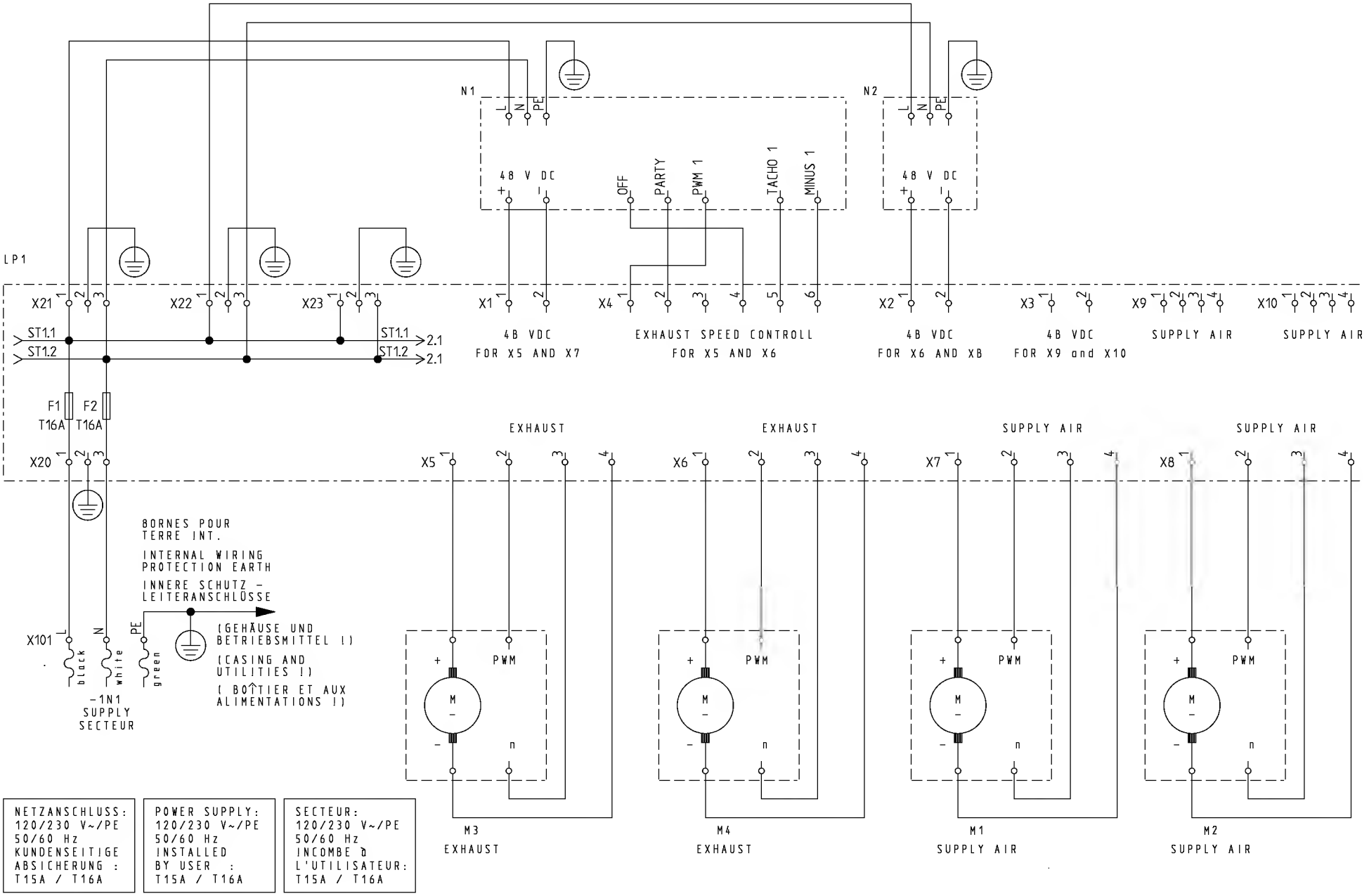


NETZANSCHLUSS:	POWER SUPPLY:	SECTEUR:
120/230 V~/PE	120/230 V~/PE	120/230 V~/PE
50/60 Hz	50/60 Hz	50/60 Hz
KUNDENSEITIGE	INSTALLED	INCOMBE à
ABSICHERUNG :	BY USER :	L'UTILISATEUR:
T15A / T16A	T15A / T16A	T15A / T16A

Ind.	Änderung	Datum	Name
A	202775	13.08.2003	Mi

Bearb.	10.02.2003	Mirsu
Gepr.	13.08.2003	Mirsu
Norm		
	Datum	Name

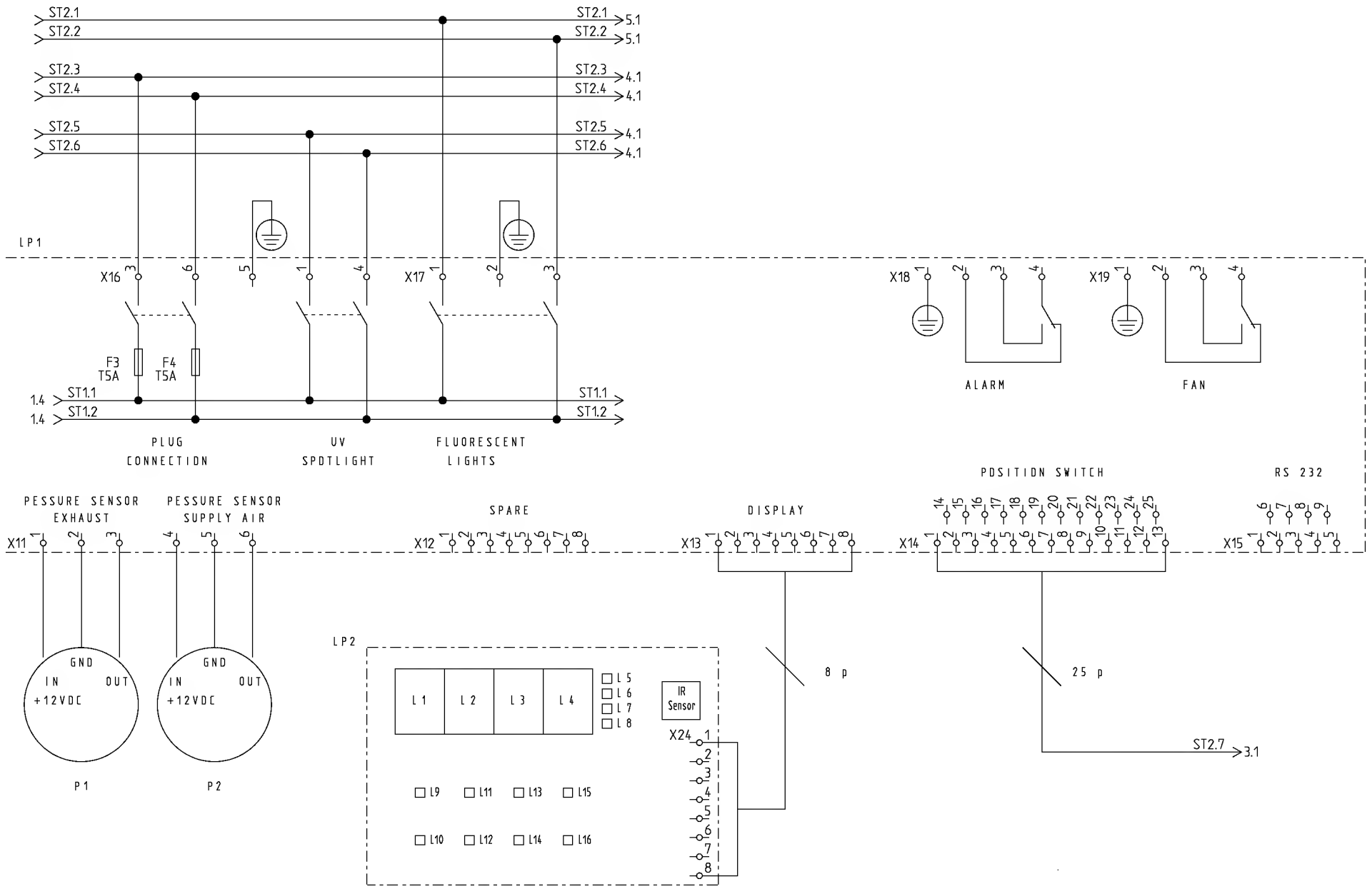
SP HERAsafe KS, 100 - 240 VAC

PROJEKT: 50077286

Kendro Laboratory Products

Id.-Nr. 50 077 286

A4 | A (Ind.) | Bl. 1 | Blat. 9



					Bearb.	10.02.2003	Mirsu
					Gepr.	13.08.2003	Mirsu
A	202775	13.08.2003	Mi		Norm		
Ind.	Änderung	Datum	Name			Datum	Name

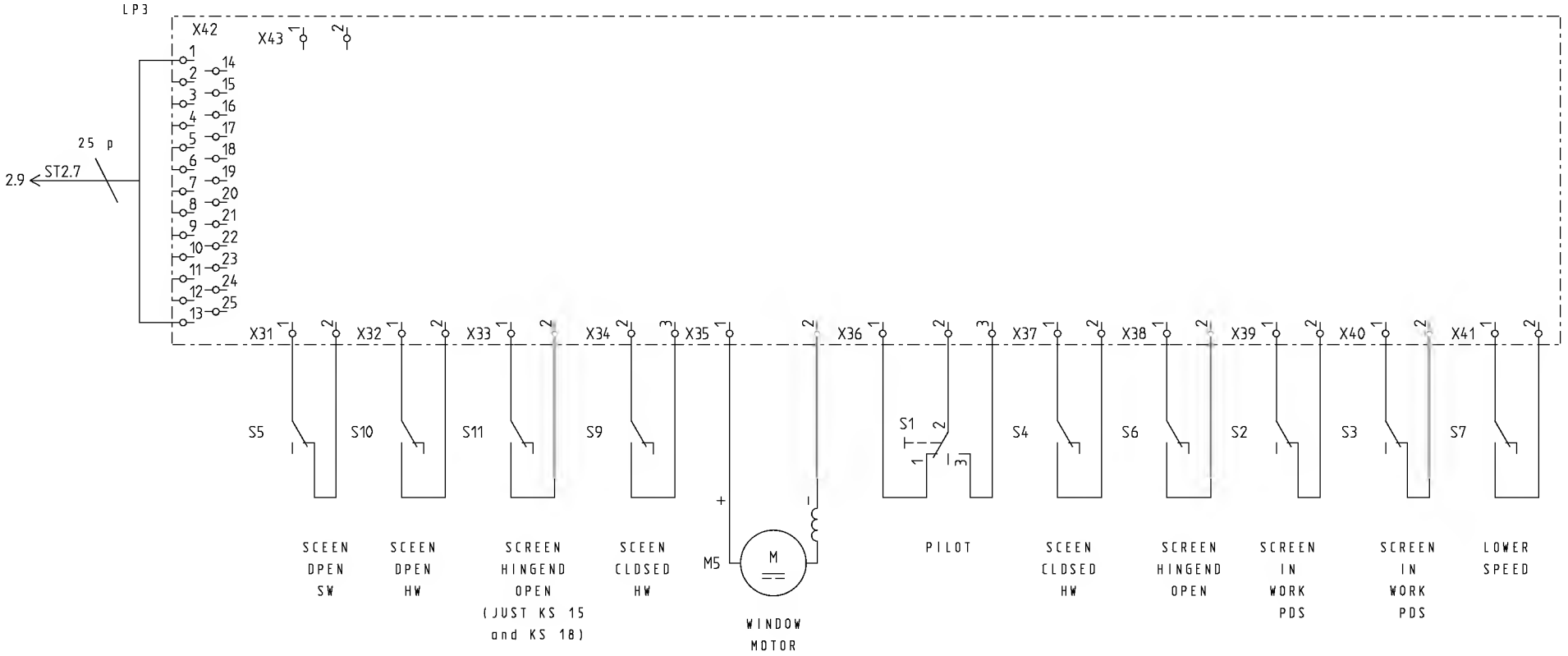
SP HERAsafe KS, 100 – 240 VAC

PROJEKT: 50077286

Kendro Laboratory Products

Id.-Nr. 50 077 286

A4 | A Ind. | Bl. 2 Blat. 9



					Bearb.	10.02.2003	Mirsu
					Gepr.	13.08.2003	Mirsu
A	202775	13.08.2003	Mi		Norm		
Ind.	Änderung	Datum	Name			Datum	Name

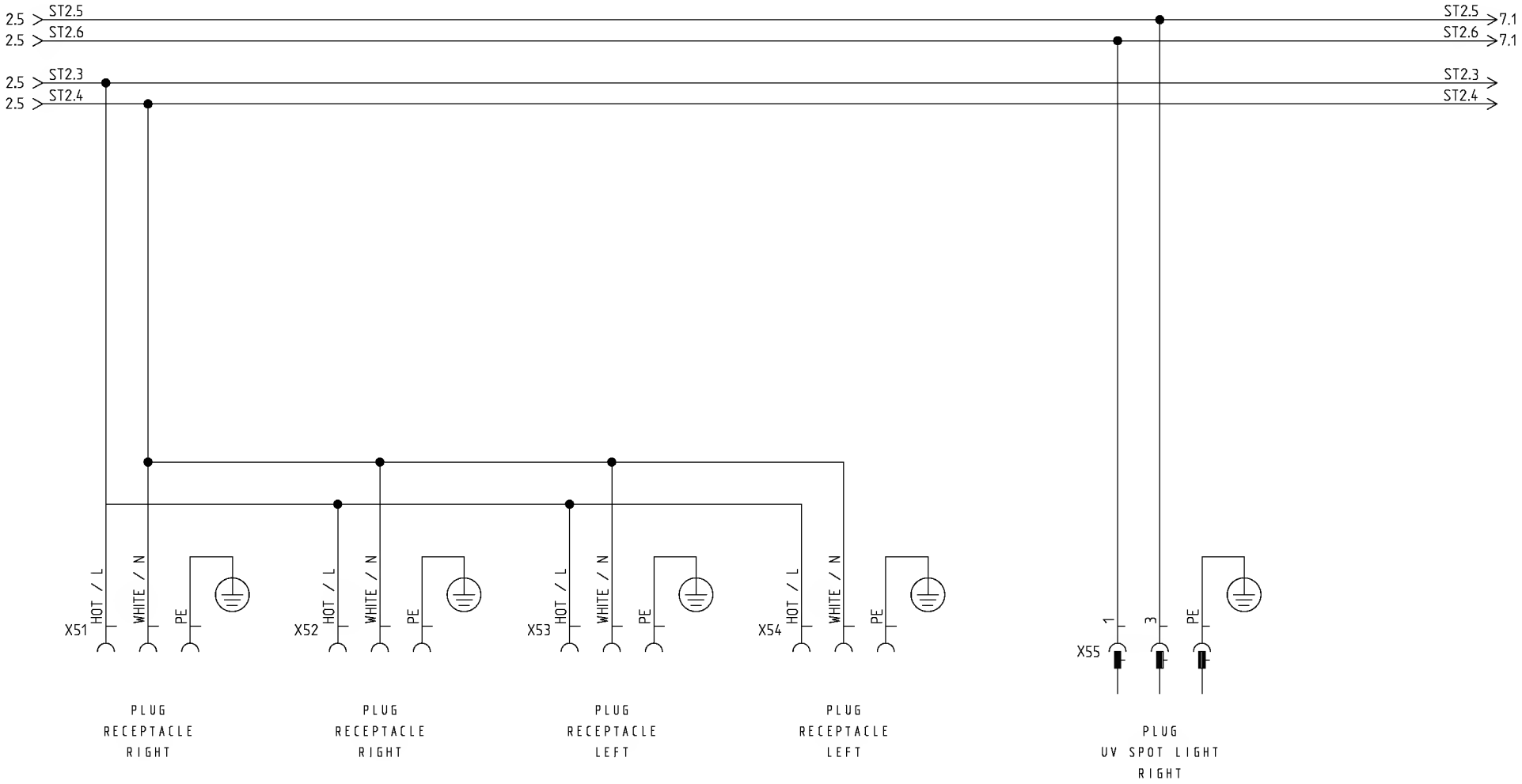
SP HERAsafe KS, 100 – 240 VAC

PROJEKT: 50077286

Kendro Laboratory Products

Id.-Nr. 50 077 286

A4 | A Ind. | Bl. 3 Blat. 9



					Bearb.	10.02.2003	Mirsu
					Gepr.	13.08.2003	Mirsu
A	202775	13.08.2003	Mi		Norm		
Ind.	Änderung	Datum	Name			Datum	Name

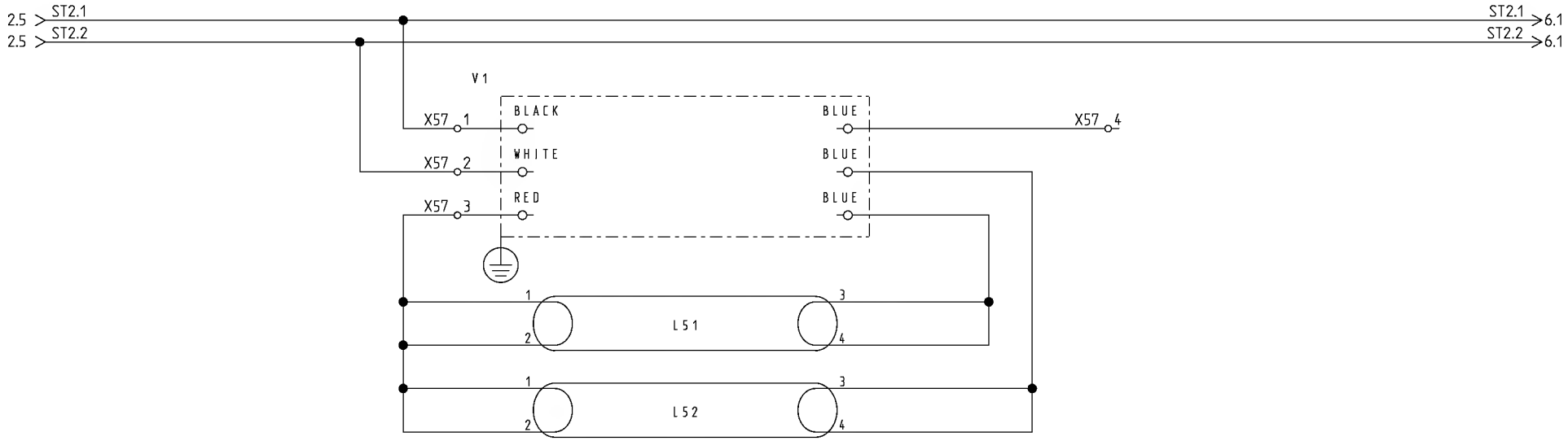
PROJEKT: 50077286

SP HERAsafe KS, 100 – 240 VAC

Kendro Laboratory Products

Id.-Nr. 50 077 286

A4 | A Ind. | Bl. 4 Blatt 9



FLUORESCENT LIGHTS – 120 VAC

					Bearb.	10.02.2003	Mirsu	
					Gepr.	13.08.2003	Mirsu	
A	202775	13.08.2003	Mi		Norm			
Ind.	Änderung	Datum	Name			Datum	Name	

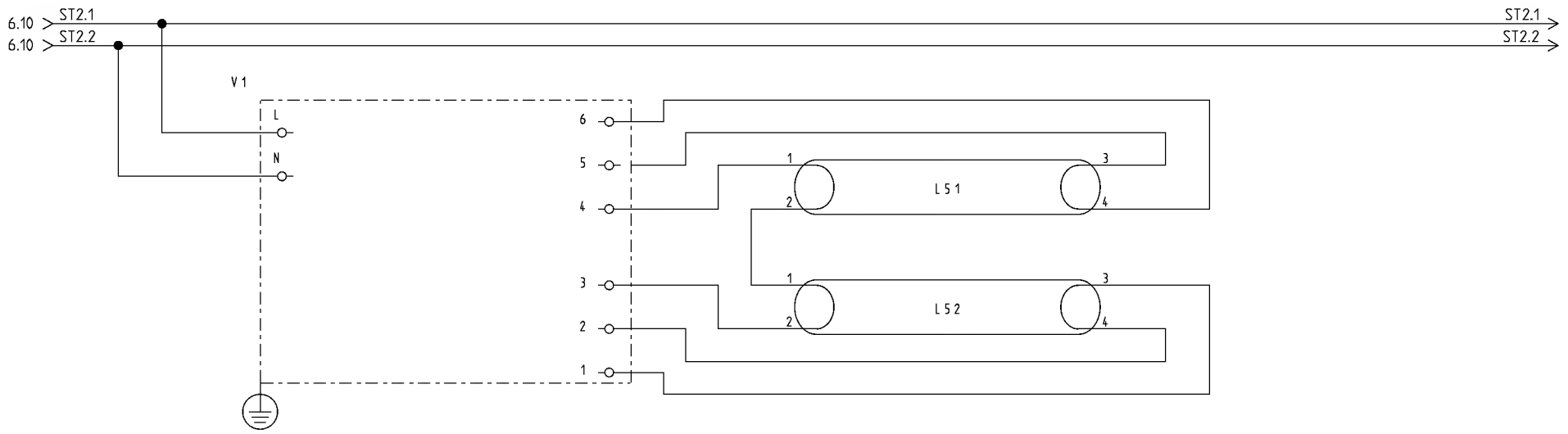
PROJEKT: 50077286

SP HERAsafe KS, 100 – 240 VAC

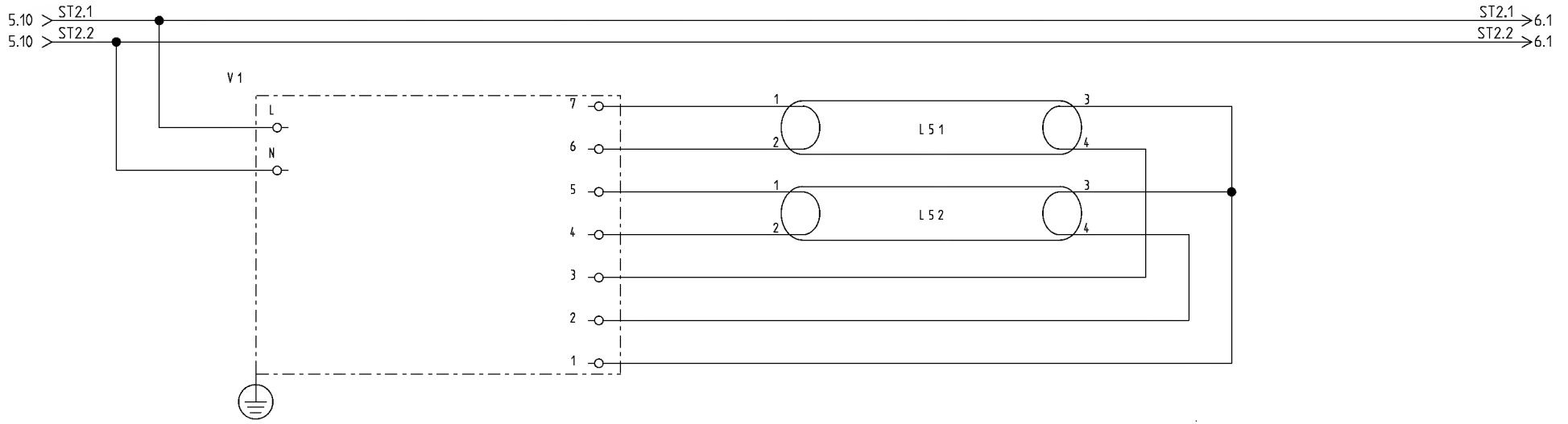
Kendro Laboratory Products

Id.-Nr. 50 077 286

A4 | A Ind. | Bl. 5 Blat. 9



FLUORESCENT LIGHTS – 230 VAC – KS 9 AND KS 12



FLUORESCENT LIGHTS – 230 VAC – KS 15 AND KS 18

					Bearb.	10.02.2003	Mirsu
					Gepr.	13.08.2003	Mirsu
A	202775	13.08.2003	Mi		Norm		
Ind.	Änderung	Datum	Name			Datum	Name

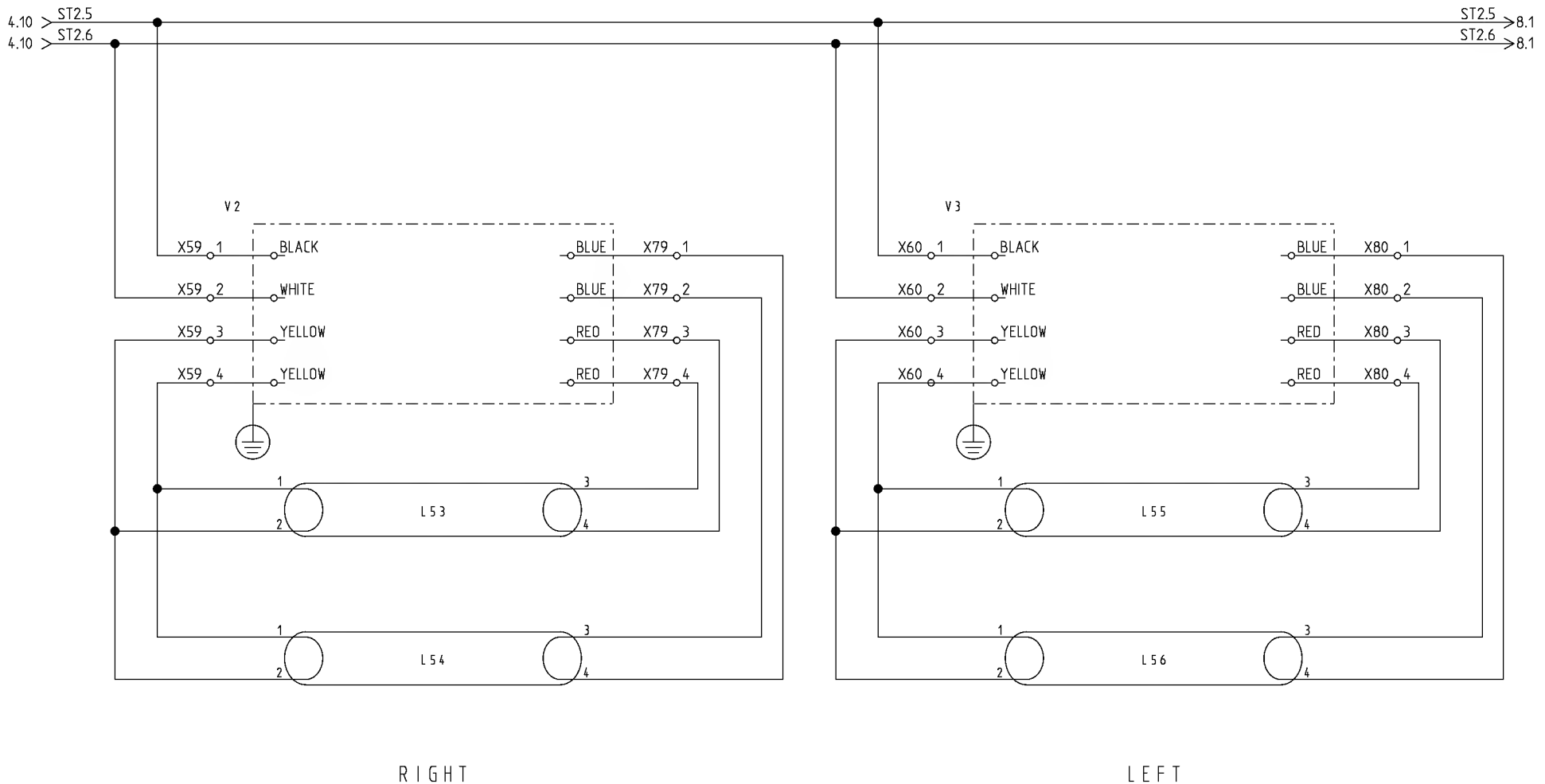
PROJEKT: 50077286

SP HERAsafe KS, 100 – 240 VAC

Kendro Laboratory Products

Id.-Nr. 50 077 286

A4 | A Ind. | Bl. 6 Blat. 9



UV SPOT LIGHTS – 120 VAC

					Bearb.	10.02.2003	Mirsu
					Gepr.	13.08.2003	Mirsu
A	202775	13.08.2003	Mi		Norm		
Ind.	Änderung	Datum	Name			Datum	Name

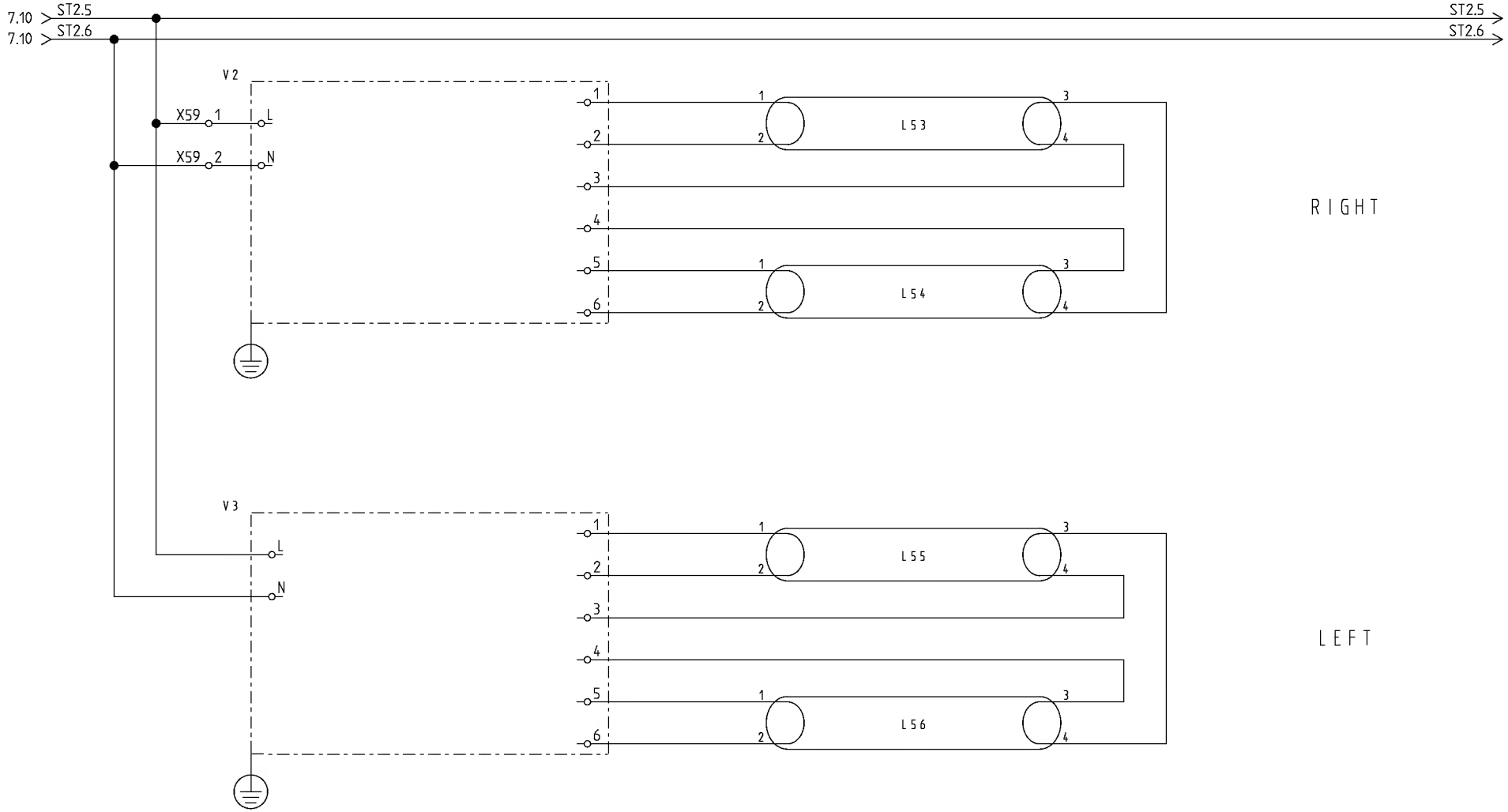
PROJEKT: 50077286

SP HERAsafe KS, 100 – 240 VAC

Kendro Laboratory Products

Id.-Nr. 50 077 286

A4 | A Ind. | Bl. 7 Blat. 9



UV SPOT LIGHTS – 230 VAC

					Bearb.	10.02.2003	Mirsu
					Gepr.	13.08.2003	Mirsu
A	202775	13.08.2003	Mi		Norm		
Ind.	Änderung	Datum	Name			Datum	Name

PROJEKT: 50077286

SP HERAsafe KS, 100 – 240 VAC

Kendro Laboratory Products

Id.-Nr. 50 077 286

A4 | A Ind. | Bl. 8 Blat. 9

LEGENDE ZU: SP HERAsafe KS, 100 - 240 VAC

NAME	BETRIEBSMITTEL
F1-2	SICHERUNGEN; NETZ
F3-4	SICHERUNGEN; EXPERIMENTIERRAUM STECKDOSEN, X51-X54
L1-4	7 SEGMENTE ANZEIGE AUF LP2
L5-16	LED AUF LP2
L51-52	LEUCHTSTOFFLAMPEN; EXPERIMENTIERRAUM
L53-56	UV STRAHLER (OPTION)
LP1	GRUND LEITERPLATTE
LP2	ANZEIGE LEITERPLATTE
LP3	SCHALTER LEITERPLATTE
M1	MOTOR, UMLUFT
M2	MOTOR, UMLUFT (NUR KS 15 UND KS 18)
M3	MOTOR, ABLUFT
M4	MOTOR, ABLUFT (NUR KS 15 UND KS 18)
M5	MOTOR, FRONTSCHEIBE
N1	SCHALTNETZTEIL; M1, M3 UND GERÄT
N2	SCHALTNETZTEIL, M2 UND M4 (NUR KS 15 UND 18)
P1	DRUCK SENSOR; UMLUFT
P2	DRUCK SENSOR; ABLUFT
S1	SCHALTER "PILOT SWITCH"
S2,S3	POSITIONSSCHALTER, FRONTSCHEIBE IN ARBEITSPOSITION
S4,S9	POSITIONSSCHALTER, FRONTSCHEIBE ZU (HARDWARE)
S5	POSITIONSSCHALTER, FRONTSCHEIBE OFEN (SOFTWARE)
S6	POSITIONSSCHALTER, FRONTSCHEIBE GEKLAPPT
S7	POSITIONSSCHALTER, REDUZIERTE DREHZAHL
S10	POSTIONSSCHALTER, FRONTSCHEIBE OFEN (HAROWARE)
S11	POSITIONSSCHALTER, FRONTSCHEIBE GEKLAPPT (NUR KS 15 UND 18)
V1	ELEKTRONISCHES VORSCHALTGERÄT; L51-52
V2,V3	ELEKTRONISCHE VORSCHALTGERÄTE; L53-56 (OPTION)
X1-23	STECKVERBINDER AUF LP1
X24	STECKVERBINDER AUF LP2
X31-X41	ANSCHLUSS AUF LP3
X42	STECKVERBINDER AUF LP3
X43	ANSCHLUSS AUF LP3
X51-54	STECKDOSEN; EXPERIMENTIERRAUM
X55	STECKDOSE UV, RECHTS (OPTION)
X57,X58	KLEMMENLEISTE; LEUCHTSTOFFLAMPEN EXPERIMENTIERRAUM
X59,X79	KLEMMENLEISTE UV STRAHLER, RECHTS (OPTION)
X60,X80	KLEMMENLEISTE UV STRAHLER, LINKS (OPTION)
X1D1	KLEMMENLEISTE; NETZANSCHLUSS

LEGEND TO: SP HERAsafe KS, 100 - 240 VAC

NAME	ACCESORIES
F1-2	FUSE; MAIN
F3-4	FUSE; PLUG RECEPTACLES EXPERIMENT ROOM, X51-X54
L1-4	7 SEGMENTE DISPLAY ON LP2
L5-16	LED ON LP2
L51-52	FLUORESCENT LIGHTS; EXPERIMENT ROOM
L53-56	UV SPOTLIGHT (OPTION)
LP1	MAIN BOARD
LP2	DISPLAY BOARD
LP3	SWITCH BOARD
M1	MOTOR, SUPPLY AIR
M2	MOTOR, SUPPLY AIR (ONLY KS 15 AND KS 18)
M3	MOTOR, EXHAUST
M4	MOTOR, EXHAUST (ONLY KS 15 AND KS 18)
M5	MOTOR, WINDOW
N1	SWITCHING POWER SUPPLY; M1, M3 AND INSTRUMENT
N2	SWITCHING POWER SUPPLY, M2 AND M4 (ONLY KS 15 AND 18)
P1	PRESSURE SENSOR; SUPPLY AIR
P2	PRESSURE SENSOR; EXHAUST
S1	PILOT SWITCH
S2,S3	POSITION SWITCH, SCREEN IN WORK POSITION
S4,S9	POSITION SWITCH, SCREEN CLOSED (HARDWARE)
S5	POSITION SWITCH, SCREEN OPEN (SOFTWARE)
S6	POSITION SWITCH, SCREEN HINGED OPEN
S7	POSITION SWITCH, LOWER SPEED
S10	POSITION SWITCH, SCREEN OPEN (HAROWARE)
S11	POSITION SWITCH, SCREEN HINGED OPEN (ONLY KS 15 AND 18)
V1	ELECTRONIC BALLAST; L51-52
V2,V3	ELECTRONIC BALLAST; L53-56 (OPTION)
X1-23	PLUG CONNECTION ON LP1
X24	PLUG CONNECTION ON LP2
X31-X41	CONNECTION ON LP3
X42	PLUG CONNECTION ON LP3
X43	CONNECTION ON LP3
X51-54	PLUG RECEPTACLES; EXPERIMENT ROOM
X55	PLUG CONNECTION UV, RIGHT (OPTION)
X57,X58	PLUG CONNECTION; FLUORESCENT LIGHTS; EXP.ROOM
X59,X79	PLUG CONNECTION; UV SPOTLIGHT, RIGHT (OPTION)
X60,X80	PLUG CONNECTION; UV SPOTLIGHT, LEFT (OPTION)
X1D1	PLUG CONNECTION; MAINS

DE
S5
Q

Ind.	Änderung	Datum	Name
A	202775	13.08.2003	Mi

Bearb.	10.02.2003	Mirsu
Gepr.	13.08.2003	Mirsu
Norm		

SP HERAsafe KS, 100 - 240 VAC

PROJEKT: 50077286

Kendro Laboratory Products

Id.-Nr. 50 077 286

A4 | A | Bl. 9 | Blatt 9